

**PASSAIC RIVER STUDY AREA
POTENTIALLY RESPONSIBLE PARTIES
SEPTEMBER 1993**

SDMS Document



84127

NAME OF PRP:

Alliance Chemical Company

FACILITY ADDRESS:

33 Avenue P
Newark, New Jersey

LOCATION:

River Mile: 0.5
Reference Map Number: 4

PROCESSES UTILIZED:

Manufacture of organic intermediates for use in the textile, paper and pigment industries.
Raw organic materials used by Alliance include:

- | | |
|-----------------------------|---------------------|
| • n-butyl bromide | • Hydroquinone |
| • N,N-diethylaniline | • Isopropyl alcohol |
| • Diethyl sulfate | • Methanol |
| • 2,4-dinitro chlorobenzene | • Morpholine |
| • Metals | |

DISCHARGE:

- 04/27/48 - PVSC reported that Alliance Chemical was discharging an unspecified yellow colored liquid into a storm ditch to Plum Creek, a tributary of the Passaic River. [PVSC Stream Contamination Report for April, 1948.]
- 1971 - Alliance Chemical was shut down three times due to flooding of Plum Creek. [06/27/72 letter from Alliance Chemical to the Mayor of the City of Newark.]
- 07/15/75 - Alliance Chemical was shut down and under 2 feet of water due to flooding of Plum Creek. [09/25/75 Letter from Alliance Chemical to City of Newark Dept. of Sewers.]
- 09/24/75 - Alliance Chemical was shut down and under 8 inches of water due to flooding of Plum Creek. [09/25/75 Letter from Alliance Chemical to City of Newark Dept. of Sewers.]

841270001

- 05/22/79 - During an inspection by PVSC, sampling of the discharge from this plant into the sanitary sewer indicated that the effluent had a pH of 1. [PVSC Weekly Resume for 05/21/79 - 05/25/79]
- 06/20/90 - NJDEP concluded that this Alliance Chemical facility was a responsible party for contamination of the adjacent Ave. P landfill site. The Ave. P landfill site also contaminated Plum Creek, a tributary of the Passaic River. [06/20/90 NJDEP Avenue P Responsible Party Investigation.]
- 06/20/90 - NJDEP recommended that sampling at the Avenue P Landfill site should be conducted for 2-chloro-1,4-diethoxy-5-nitro benzene and for 5-chloro-2,4-dimethoxyaniline. These are EPA Class II dioxin precursor compounds manufactured by Alliance Chemicals and which may have been disposed at the Avenue P Landfill by D & J Trucking and Waste. [06/20/90 NJDEP Avenue P Responsible Party Investigation.]

PROBABLE HAZARDOUS SUBSTANCES:

- | | |
|-----------------------------|------------|
| • n,n dimethyl aniline | • Solvents |
| • 2,4-dinitro chlorobenzene | • Metals |

RIVER SAMPLES: Contaminants detected in sediments in Plum Creek have been attributed to Alliance including base neutrals, metals, PCBs, petroleum hydrocarbons, and volatile organics. Sample 99, collected 1200 feet across the Passaic River from the Plum Creek Outfall, contained significant concentrations of base neutrals, metals, PCBs, petroleum hydrocarbons, and volatile organics.

were received from boat owners. Our inspector notified all persons involved about the seriousness of this violation and all promised cooperation.

- April 23.** T. C. Transport Garage, 95 Greenwood Ave., Montclair. Oil traced from this garage discharging into Tony's Brook by way of Greenwood Avenue storm sewer. Our inspector informed the garage foreman of this violation and he traced it to the washing down of busses and motors being overhauled. Instructed to prevent this oil from reaching storm sewer.
- April 23.** Bakelite Corporation, Grove St., Bloomfield, N. J. A highly inflammable solvent (Styrene) being discharged with clean wash water to the storm sewer thence to Second River via Meadowbrook storm sewer. Our inspector notified the plant foreman who blamed this condition on the failure of a pump. The pump was repaired and the violation eliminated.
- April 24.** Sonneborn, Inc., Hancock Avenue, Belleville, N. J. A discharge of milky white liquid into Belleville-Butler storm ditch. Our inspector reports a careless employee dumped four drums of this liquid down a yard drain. Plant manager was instructed to prevent such carelessness.
- April 24.** Edison Storage Battery, Belleville, N. J. A discharge of iron waste into the clear water line was traced by our inspector who found the iron discharge in Second River. This was late on Saturday and no one but the watchman was there. On Monday the plant superintendent could not trace this disturbance.
- April 27.** Allinco Chemical Company, Avenue P, Newark, N. J. Discharge of yellow colored clear liquid into meadow water ditch that drains to Plum Creek. This plant is on the property of the old Amalgamated Chemical Company and they have no industrial waste sewer. Our inspector has notified the owners several times and only promises are made to improve the conditions. Other industries are moving in on this property and we have notified them there are no sewers to care for their waste, but they report that the landlord will take care of that detail. Investigation continues.
- April 27.** Standard Lye and Finishing Company, 1 Van Hooken St., Pat. Lye waste discharging into Passaic River. Our inspector notified the engineer who reports their sump pump motor had broken down this morning, but was repaired immediately.
- April 28.** Butler Sewer Line, Rear of La Monte Paper Mill, Butler. Broken sewer line discharging sewage into St. Pauls Brook. Butler sewer department made immediate repairs.

March 21, 1972

Mr. Sam Friscia
Director of Public Works
City Hall
920 Broad Street
Newark, New Jersey 07102

Dear Mr. Friscia:

I would like to call to your attention a surface water condition that exists around our chemical plant on Avenue P (Ironbound Section) that has caused our plant to shutdown in the past and now threatens to close our door again.

The problem is this: Our plant is surrounded by a drainage ditch (commonly referred to as Plum Creek) which collects run-off water from the Turnpike and surrounding properties and discharges into the bay. We are completely isolated from this creek, i.e., we do not discharge any water whatsoever into this creek, yet whenever this creek backs up the overflow empties into our plant resulting in emergency conditions which have often resulted in water damages to our stock and at times complete plant shutdowns. The shutdown causes a loss of production and business and results in unemployment for all our workers.

The only reason that Plum Creek backs up is that there are obstructions inhibiting the discharge of water to the bay. We have found that there are two areas where obstructions occur. (1) On the property of Revere Smelting where Plum Creek turns east and passes under a dirt roadway, and (2) under Avenue P. I have called the Department of Sewers on these occasions and most times they have tried to clear away the obstruction and let the creek subside, but on other occasions the response by the Department of Sewers has been delayed by equipment availability, manpower availability, the elements, or other reasons beyond my knowledge and as a result the condition previously described at our plant occurred. At this writing we have had a pending flooding condition existing at our plant since February 28th (over 3 weeks) with no apparent attempt to alleviate the same by the Department of Sewers despite at least seven (7) calls to their office.

I see no legitimate reason why our plant must continually face this flooding problem year in and year out when a solution is obvious - install a large obstruction-free (closed) passageway for the water to flow from the turnpike to the eastern side of Avenue P.

841270004

Mr. Sam Friscia

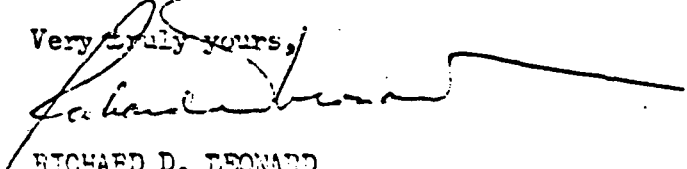
March 21, 1972

-2-

Another continuing effect of the flooding is that our plant waste water that is normally discharged into the Avenue P sewer system is pre-treated prior to entering the system. The extra heavy load of water from the creek pouring into our treatment facility has caused our treatment plant to become overloaded and at times unable to handle the flooding conditions.

I am quite anxious to learn what efforts are being taken by your department to remedy the above described situation. The company and the union would be appreciative of your efforts to see the above problem eliminated once and for all.

Very truly yours,


RICHARD D. LEONARD
Plant Manager

RDL:me

cc: Mr. Roger Altero
Department of Sewers
Broad Street
Newark, New Jersey

Mr. Al Zach
Chief Engineer
Department of Public Works
920 Broad Street
Newark, New Jersey

841270005

June 21, 1972

Mr. Sam Friscia
Director of Public Works
City Hall
220 Broad Street
Newark, New Jersey 07102

Dear Mr. Friscia:

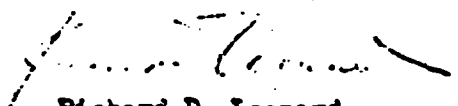
Since the latter part of February our plant has been under constant threat of being over run with flood waters from the drainage ditch (Plum Creek) that borders our property. A letter to you (March 21, 1972) and a visit by yourself to our plant (May 18, 1972) has not given me any satisfaction that our problem will be rectified. I have been very patient todate, but at this writing my patience has run out.

I was promised a letter on May 18th stating your intentions on the above matter. Five weeks later there has still been no letter. I was told that the construction to elevate the water condition would be completed in June or July 1972. Todate it has not started.

I am responsible for the production activities of this Division and responsible to take steps to keep production going especially when I can see impending disaster on the horizon. In dealing through your office with Messrs. Al Zack, Roger Altero and Van Reiner I have no confidence that any action will be taken in time to prevent this disaster.

This letter should reach your desk on Friday June 23rd. Should I not receive any correspondence by June 26th, outlining the positive steps the city will take to correct the problem caused by their poor design I shall have to take my cause to higher authorities. I am hoping that the latter will not be necessary.

Very truly yours,


Richard D. Leonard
Plant Manager

841270006

June 27, 1972

The Honorable Kenneth Gibson
The Mayor of the City of Newark
Newark City Hall
920 Broad Street
Newark, New Jersey 07102

Dear Mr. Mayor:

I am appealing to your office for assistance to alleviate a problem that has been plaguing our plant for many years - the threat of being inundated by waters backing up into our plant from a drainage ditch (Plum Creek) that borders our property. I am writing to you because my previous contacts with the Department of Sewers and the Director of Public Works and his Staff has only resulted in empty promises and no action.

During the rainy season of 1971 we were forced to shutdown our entire operation three times and sustained considerable property damage and loss of wages to our 50 employees. The cause of these problems is a recently installed, underdesigned drainage pipe under Avenue P. This pipe is now blocked and water from Plum Creek cannot escape to the bay and has no other route, but to back up into our plant.

I have been promised relief by the above departments on over 25 different occasions since February 1972, but to date nothing has been done to make our situation any less critical. At this writing the Plum Creek has overflowed its boundaries and is only a few feet from running over into our property.

It is my responsibility to keep this division operating and I am appealing to your office to see that proper steps are taken to ease our situation.

Very truly yours,

Richard D. Leonard
Plant Manager

841270007

September 25, 1975

Mr. Ray Karto
Department of Sewers
Newark City Hall
920 Broad Street
Newark, New Jersey 07102

800-183

Dear Mr. Karto:

Rather than reiterate the history of our flood problem at Alliance I am attaching copies of my last correspondence with San Francisco and The Mayor - both of which were never answered. These letters fully explain the conditions that still continue to threaten our plant operations.

At this writing many hundreds of gallons of water per minute are pouring into our plant from Pine Point Creek which borders our property. Last night our plant was under 8 inches of water. On July 15th our plant was forced to completely shutdown all operations when over 2 feet of water flooded our plant for over 24 hours. The loss exceeded \$30,000.

In July we modified our sewer system to handle our plant discharges with room for excess capacity for normal run-off from adjacent areas, but it is impossible to handle the huge volume of water that enters from the drainage creek. The effects of this run-off are as follows:

1. Shutdown of Alliance operations with loss of:
 - a. production
 - b. employee's wages
 - c. damage to equipment and stock
 - d. raw materials
2. Rapid depletion of our neutralization alkali which then permits 'acid' waters from entering the sewer system. This condition might eventually result in damage to our sewer and wall as to the sewer in Avenue P.
3. Many hundreds of gallons per minute of water entering the Passaic Valley Sewerage Treatment Plant that should be going to the bay.

The solution is there - remove all obstructions maintaining the discharge of the creek to the bay. This means clearing the creek and providing sufficient cross under Avenue P and Dorcas Avenue to eliminate the problem of water backing up and overflowing the banks of the creek into Alliance.

Alliance Chemical pays its taxes to the City of Newark. Its employees are almost all from the Newark area. We have applied to the Department of Urban Renewal to acquire additional properties adjacent to our own. We have been in this location for almost 30

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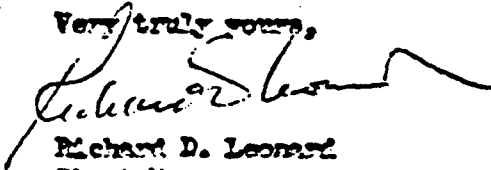
Mr. Ray Herio

September 25, 1975

years. Why should we be continuously ignored by the City of Newark?
We are only trying to rectify a situation which was created by the
incompetence of others?

I hope that the new makeup of the Department of Sewers will
provide the proper impetus for the rectification of this matter.

Very truly yours,



Richard D. Leonard
Plant Manager

rd;ne

cc: Mr. Frank D'Accenio
Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, New Jersey 07105

Mr. David Plinky
Greater Newark Chamber of Commerce
50 Park Place
Newark, New Jersey 07102

Mr. George Shalman
Wester Chemical Inc
Bridgefield, New Jersey

841270009

WEEKLY RESUME

Cards made ✓
Board up to ✓
date ✓

5/21/79 - 5/25/79

- Follow
up

5/21/79 Tomaro/Mc Laughlin ✓
INDUSTRIAL ELECTRIC SERVICE CO.
259-263 Goffle Road
Hawthorne

Violation/Elimination - 4" pipe sealed -
wash solution collects in pit and pumped
into sanitary sewer

- Insp.

5/21/79 Cordasco/Parr ✓
MOUNTAIN INSIDE HOSPITAL
Bay Ave. & Highland Ave.
Glen Ridge

Greenish colored substance observed
emanating from 18" outlet into Third
River - traced to hospital - coming
from hospital storm sewer and entering
Third River

- Insp.

5/22/79 Fiore/Colello ✓
ALLIANCE CHEMICAL INC. ✓
33 Avenue P
Newark

Special

Routine inspection found a ph of 1 -
which is entering sanitary sewer -
Contacted F. D'Ascensio, Industrial
Department, who will take over from
here

Report
of Insp.

5/22/79 Cordasco, Parr, Cupo
WASHINGTON STREET
Orange

Special - meeting held - reference to
construction of new storm line -
during construction, flow to be diverted
to sanitary line

- Insp.

5/23/79 Sventy/De Marco ✓
BEECHAM INC. while
65 Industrial So. investigating
Clifton Another problem - Found
violation at this company -

Violation/Elimination - Heavy rains
carried runoff from dumpster into yard
catch basin thence Mc Donald Brook -
area cleaned

- Insp.

5/23/79 Fiore/Colello
ALEXACRAFT IND.
527 Avenue P
Newark

Special - Routine inspection revealed
55 gallon drums in Plum Creek -
Drums were inspected by state agencies -
and are to be taken away

- Follow
up

5/23/79 Tomaro/Mc Laughlin
REDMOND INDUSTRIES
1901 Rte. 209
Fairlawn

Violation/Elimination - Waste line
is now connected into sanitary sewer

- Called

5/23/79 Sventy/De Marco
SCHER BROS. CHEMICALS
Styertown Rd.
Clifton

Suds mixed with rain water flowing from
property - sample polluting

- Called

5/23/79 Parr/Cordasco
WEASEL BROOK
Clifton

Violation/Elimination - Sudsy foam
along south bank of brook - sample
polluting

- Insp.

5/24/79 Perrapato/Fleming/Cupo ✓
CONTINENTAL CHEMICAL CO.
270 Clifton Blvd.
Clifton

Violation/Elimination - This company
was the cause of Weasel Brook pollution -
Heavy rains carried shampoo base -
from property to street storm drain
thence Weasel Brook

841270010

PASSAIC VALLEY SEWERAGE COMMISSIONERS

Y or N

SEWER CONNECTION APPLICATION

Applicant is:

Corporation ☒Partnership ☐Other ☐PART I - SECTIONS A-CSECTION A: GENERAL INFORMATION

1. Company Name: Alliance Chemical Inc.
2. Location: Making wrong Property on 309-327 Avenue P.
Newark, New Jersey Zip Code: 07105
3. Mailing Address: 32 Avenue P.
Newark, New Jersey Zip Code: 07105
Name, title, address and telephone number of person to contact concerning information provided in this application:
4. Name of Contact Official: W. C. Henning
Title: Plant Manager Phone No.: 201-344-2344
5. Address: Alliance Chemical Inc., 33 Avenue P, Newark, N.J. 07105
6. Number of Employees - Full Time: 40 Part Time:
7. Number of Work Days Per Week: 5
Number of Shifts Per Day: 2
Is production seasonal? No If so, explain:
8. New Users Only: Indicate date user desires to commence operations:
9. If property is owned, indicate lot and Block Numbers: Block No. 5020
Lot No's. 3 - 8 - 12 19 Assessed Value: 2/12, 1984
10. If property is rented, indicate name and address of Landlord:

SECTION B: PRODUCT OR SERVICE INFORMATION

11. Brief description of manufacturing or other activity performed:
Manufacture of organic intermediates for use in the
textile, paper and pigment industries.
12. Principal raw materials used: Organic chemicals, acids and bases.
13. Principal products or services: As described in #11.

SECTION C: WATER DATA

14. Water Received: Year 1979 (Report Volume in Gallons)

	PURCHASED	WELL	RIVER	TOTAL
1st Qtr.	5077500			
2nd Qtr.	8334000			
3rd Qtr.	6971250			
4th Qtr.	6313500			

1970 GRAND TOTAL . . . 26,606,250

NOTE: Cu. Ft. X 7.48 = Gallons

15. Name water supplier: City of Newark Account #: 06755 6300 00
16. Is well water metered? None Is river water metered? _____
17. Water Distribution: Year 1970 (Report Volume in Gallons)

Use (List totals in gallons per year)

- | | | |
|-----|--|------------|
| (a) | sanitary sewer (include industrial & domestic) | 26,696,250 |
| (b) | separate storm sewer, river, or ditch. | None |
| (c) | contained in product | Trivial |
| (d) | evaporation. | " |
| (e) | waste haulers. | None |

Name, Address & Registration Number of Waste Haulers Used

18. Is volume in 17 (a) measured? No How?

Certification:

The information contained in Part I of this application is familiar to me and, to the best of my knowledge and belief, such information is true, complete and accurate.

if the applicant is a corporation, a corporate resolution is attached granting me the authority to sign the application on behalf of the corporation.

Name of Signing Official: W. C. Henning

Title: Plant Manager

Jan 29, 1980
Date

W.C. Harris,
Signature

PART II - SECTIONS D-F

These sections must be completed if the Applicant:

- (a) discharges more than 25,000 gallons per day of either domestic and/or industrial wastes to the sanitary or combined sewer, or,
- (b) discharges toxic wastes or wastes which can have a significant impact on the PVSC treatment works.

Questions regarding the applicability of this form to your facility may be answered by contacting the Industrial Department of PVSC at 344-1800.

Company Name:

Alcones Chemical Corp

Location:

33 Avenue P. Newark, N.J. 07105

SECTION D: OPERATIONAL CHARACTERISTICS

- 19. Discharge of industrial waste is continuous X or intermittent _____
- 20. Discharge of industrial waste occurs between the following hours: _____

- 21. Industrial Waste is, or may be discharged:
 - (a) only to the sanitary (or combined) sewer X
 - (b) to both the sanitary (or combined) sewer and a separate storm sewer, river or ditch _____
 - (c) NPDES Permit Number _____
- 22. Describe seasonal variations, if any, giving dates, volumes, rates, hours, etc. Include variations in product lines which affect waste characteristics.
None

- 23. Describe any pretreatment process in use: Settling and neutralization

24. Describe any treatment process applied to raw water taken into the plant:

None

25. Describe any processes used to recycle water: Cooling tower
circulating through scrubber.

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

SECTION E: SEWER CONNECTION INFORMATION

26.

OUTLET * NUMBER	SEWER SIZE (INCHES)	DAILY FLOW (GALLONS)	CONTAINS INDUSTRIAL WASTE (YES OR NO)
	15"	105,000	Yes

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

Attach a plot plan of the property, showing:

- (a) all existing or proposed sewer and drain lines (including outlets to a storm sewer, river or ditch);
- (b) sample point(s);
- (c) details of the connection(s) to the municipal (or PVSC) sewer, including the distance and direction of each connection from the nearest street intersection.

*If only one outlet, leave blank.

Number multiple outlets starting with 1.

SECTION F: ANALYSIS OF INDUSTRIAL WASTE

27. Analysis listed below is based on a composite sample of industrial waste taken from the following outlets listed in Section E:

as listed in Sec E.

(See instructions for proportioning samples from more than one outlet)

28. Analytical Data: Concentration values are to be reported in mg/l (ppm) unless specified otherwise; analyze waste for those parameters marked with an asterisk (*), analyze waste for other parameters reasonably expected to be present. Code numbers are for internal use only.

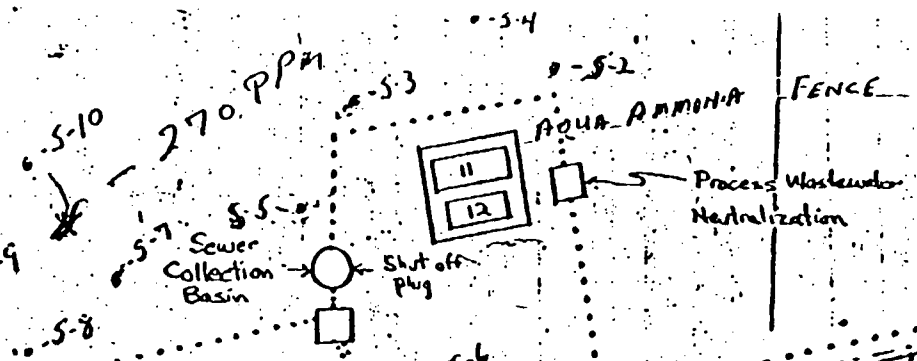
REPORT TO THE NEAREST UNIT: X (EXAMPLE: 150 mg/l)		
CODE	PARAMETER	VALUE
* 0100	Color (Apha Units)	12
0200	Radioactivity (PL-1)	
* 0500	Total Solids	31240
* 0505	Total Volatile Solids	7182
* 0510	Total Mineral Solids	24058
* 0530	Total Suspended Solids	2255
* 0540	Volatile Suspended Solids	030
* 0550	Mineral Suspended Solids	1425
* 0070	Turbidity (JTU)	30
0550	Emulsified Oil or Grease	1006
* 0940	Chlorides	15078
* 0945	Sulfates	620
* 0310	Biochemical Oxygen Demand (BOD) 5 Day	4600
* 0340	Chemical Oxygen Demand (COD) --	10870
* 0680	Total Organic Carbon (TOC)	2010

REPORT TO THE NEAREST TENTH: 0.X (EXAMPLE 1.6 mg/l)		
CODE	PARAMETER	VALUE
0745	Sulfide	100
0740	Sulfite	200
6260	Surfactants (MBAS)	90.8
* 9000	pH (standard units) (range)	6.67
0625	Kjeldahl N as N	1021
0610	Ammonia as N	
0620	Nitrate as N	
0615	Nitrite as N	
0507	Ortho Phosphates as P	.09

841270016

Facility Drainage

- Surface Trench Combined Sewer
- Underground Pipe Combined Sewer S-9
- Underground Pipe Storm Sewer

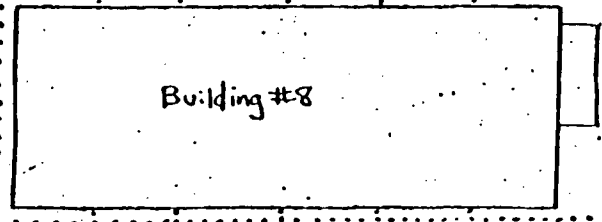
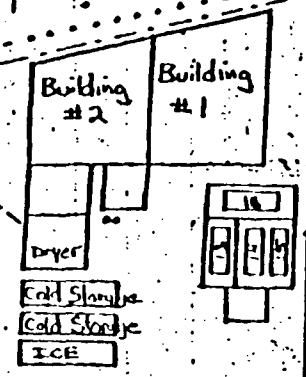
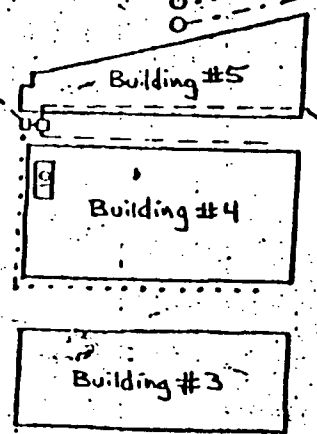
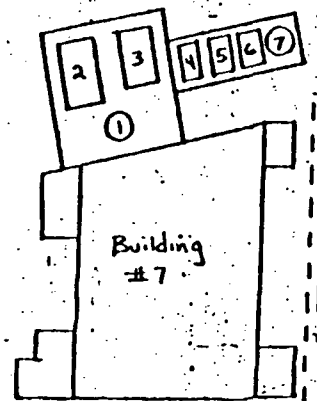


1600 ppm

100,000 ppm

4,800 ppm

Metal Shed



S-2, S-3, S-5, S-6 + S-7 To be
DOWN SAMPLES

Avenue P

Vic Gregor Street

REPORT TO THE NEAREST HUNDREDTH: 0.XX (EXCEPT WHERE INDICATED) (EXAMPLE: 0.36 mg/l)		
CODE	PARAMETER	VALUE
1097	Antimony (Sb)	<0.1
1002	Arsenic (As)	<0.1
1022	Boron (B)	<1.0
1027	Cadmium (Cd)	.158
1034	Chromium Total (Cr)	.069
1042	Copper (Cu)	17.31
1045	Iron (Fe)	10.81
1051	Lead (Pb)	.043

REPORT TO THE NEAREST HUNDREDTH: 0.XXX (EXCEPT WHERE INDICATED) (EXAMPLE: 0.36 mg/l)		
CODE	PARAMETER	VALUE
1000	(Report to Mercury 0.XXX)	.005
1067	Nickel (Ni)	.116
1147	Selenium (Se)	.070
1077	Silver (Ag)	.056
1102	Tin (Sn)	<0.79
1092	Zinc (Zn)	549.1
4052	(Report to Pesticides 0.XXX)	
2730	Phenol	2.046

29. Samples collected by: Alliance Chemical Inc. Date: 12/12/79

30. Samples analyzed by: New York Testing Lab. Date: 12/31/79

Products being manufactured when sample was collected: _____

Organic intermediates as described in #11.

Certification:

The information contained in Part II of this application is familiar to me and, to the best of my knowledge and belief, such information is true, complete, and accurate.

If the applicant is a corporation, a corporate resolution is attached granting me the authority to sign the application on behalf of the corporation.

31. Name of Signing Official: W. C. Henning

Title: Plant Manager

Jan 29, 1980
Date

W.C. Henning
Signature

(II-4)

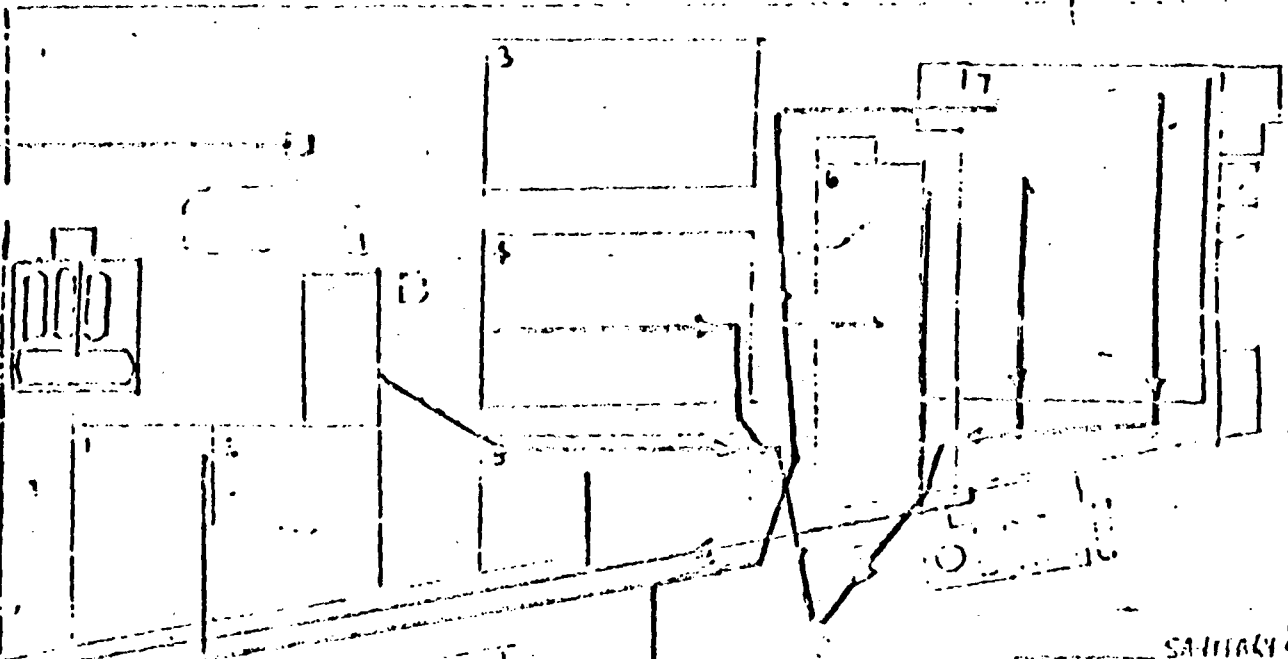
841270017

MUNICIPAL STORM SEWER

AVE P

N2

ALLIANCE



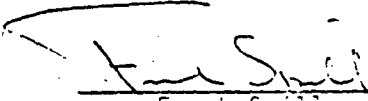
841270018

Alliance Chen
Network

CERTIFICATION
OF
CORPORATE RESOLUTION
OF
ALLIANCE CHEMICAL INC.

The undersigned, being the Secretary of Alliance Chemical Inc. (the "Corporation") hereby certifies that the following is a true and correct transcript of a resolution adopted by the directors of the Corporation at a special meeting held at Ridgefield, New Jersey, on January 10, 1980.

NOW, THEREFORE, BE IT RESOLVED that William C. Henning, Plant Manager of the Corporation is hereby granted the authorization to sign an application on behalf of the Corporation with the Passaic Valley Sewerage Commission.


Frank Spill
Secretary

841270019

MEMORANDUM

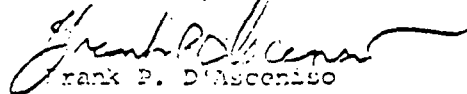
TO: Rocco D. Ricci, Chief Engineer

FROM: Frank P. D'Ascensio

DATE: November 25, 1980

SUBJECT: Alliance Chemical, Inc.

Attached is a copy of a report on the above subject concerning a recent inspection made by Federal and State Officials. As you can tell the effluent discharged from Alliance Chemical was in compliance with FVSC Rules & Regulations. It seems the major concern of the other officials was inadequate storage and housekeeping with possible ground water contamination. I trust that this information is sufficient for Commissioner Cifelli.


Frank P. D'Ascensio

841270020

DATE: Friday, November 21, 1980

WEATHER: Clear

COMPANY NAME: Alliance Chemical Company,

ADDRESS: 32 Avenue P, Newark, NJ

NAME & TITLE OF PERSON CONTACTED: W. C. Henning

TELEPHONE:

PURPOSE OF VISIT: In View of recent visit by State and Federal Officials

ISCA RECEIVED:

ISCA TESTED:

ISCA NUMBER:

SAMPLE TAKEN:

NARRATIVE

On Friday November 21, 1980, Inspector Roselli and I visited Alliance Chemical Co., in Newark to determine in view of the recent visit by State and Federal officials if Alliance posed an additional problem to PVSC. Mr. W.C. Henning, the Plant Manager reviewed the findings of the officials. Primarily they were concerned with the low level of housekeeping and the general appearance of the area. Alliance was shutdown today in order to clean up and straighten out their plant. We were told that they will also erect a fence on the outside of their property, as directed by the DEP. Mr. Henning outlined several steps Alliance Chemical will take in order to upgrade their effluent facilities. They include covering an open trench at the rear of the property with pipe, and the installation of a catch basin prior to their neutralization pit. The pH of their effluent was within PVSC's limits and the pH recorders were operating properly. In our opinion Alliance Chemical does not pose any additional

841270021

problems to FVSC.

Mario Graglia

MARIO GRAGLIA

Vincent J. Rulli

841270022

DATE OF VISIT	4/1/80
COMPANY NAME	Alliance Chemical - Newark
COMPANY REP	Bill Henning, Plant Manager
PVSC REP	D. See, M. Gunster
PURPOSE	Illegal Sewer Connection

SUMMARY:

PVSC was contacted by Newark Department of Engineering on a possible illegal discharge by Alliance Chemical. They said there was a firehose from Alliance Chemical going into an outside manhole.

We met with Bill Henning and he explained that they had problems with a sewer line plug, which was after their sampling & pretreatment station. A contractor was hired to rectify the problem. They hooked up a temporary firehose from the pretreatment section, by passing the problem area, into the next manhole. The entire job took one day. When we arrived at Alliance the job was completed, we told Mr. Henning, in the future to contact PVSC and Newark Department of Engineering if another problem should arise for permission to by pass their normal sewer outlets.



D. See



M. Gunster

DS/MG/mc

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D. INPUT FORM FOR VIOLATIONS

(Number in parenthesis is maximum number of characters)

✓ NAME(30) ALLIANCE CHEMICAL -✓ SCP-NO(8) 20461080✓ VIO-DATE(8) 4-1-86✓ VIO-ID(15) 312-1B

V-ORIG-DUE(8) _____

✓ V-DESCRIP(35) UNAUTHORIZED SEWAGE CONNECTION✓ V-STATDATE(8) 4-1-86✓ V-STATUS(35) NOT - INF-ALdischarge found.

V-STATDATA(8) _____

V-STATUS-A(35) _____

V-STATDATE(8) _____

V-STATUS-B(35) _____

V-STATDATE(8) _____

V-STATUS-C(35) _____

V-RVDUDATE(8) _____

V-RVSTATUS(35) _____

V-RVDUDATA(8) _____

V-RVSTATUA(35) _____

V-RVDUDATE(8) _____

V-RVSTATUS(35) _____

V-RVDUDATC(8) _____

V-RVSTATUC(35) _____

✓ V-FORMAL(1) NO✓ V-ELIMDATE(8) 4-1-86

REMARKS - ADD ON REVERSE

841270024



ALLIANCE CHEMICAL INC
A SUBSIDIARY OF PEISTER CHEMICAL INC
33 AVENUE P NEWARK, N. J. 07105

133-7107

January 12, 1969

Mr. Bruce Wrede
Passaic Valley Sewerage Commissioners
600 Wilson Avenue
Newark, NJ 07105

Dear Mr. Wrede:

During your recent inspection of our plant, you requested a list of the major organic raw materials which we use. That list is:

n-butyl bromide
N,N-diethylaniline
Diethyl Sulfate
N,N-dimethylaniline
2,4-dinitro chlorobenzene
Hydroquinone
Isopropyl alcohol
Methanol
Morpholine

If you have any questions regarding this information, please feel free to give me a call.

Very truly yours,

ALLIANCE CHEMICAL, INC.

Roger D. Huth
Roger D. Huth
Director
Environmental Affairs

RDH:gs

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JUN 22 1990

Let's protect our earth



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT
CN 028
Trenton, N.J. 08625-0028
(609) 633-1408
Fax # (609) 633-1454

M E M O R A N D U M

TO: Debbie Pinto, Acting Chief
Bureau of Planning and Assessment

FROM: Bruce Venner, ^BChief
Bureau of Compliance and Technical Services

SUBJECT: Responsible Party Investigation
Avenue P Landfill, Newark

DATE: June 20, 1990

The Bureau of Compliance and Technical Services' Special Investigation Section has prepared the attached Responsible Party Investigation Summary for the subject case to assist the Bureau of Planning and Assessment in its site evaluation.

Please be advised that referenced key documents are maintained in this bureau's files. Should you have any questions in this matter, do not hesitate to contact Doug Stuart at (609) 633-0700.

BV:lmc

c D. Stuart, Section Chief, Special Investigation Section
Y. Yacoub, Chief, Metro Bureau of Enforcement
P. Smith, Investigator, SIS/BCTS
RPIU File



Authority that soils on the site are very acidic. The facility recycled batteries containing sulfuric acid which may have contributed to this type of contamination.

The Avenue P Landfill was briefly owned by the Newark Redevelopment and Housing Authority (NRHA) in the late sixties. In 1974, the NRHA purchased the property to upgrade the site for sale to a prospective developer. An engineering study of the site was prepared by Genge Consultants in 1978. The study indicated that chemical and paint waste were detected in test boring/pits made on the site during the mid seventies. Subsequently, representatives from the Housing Authority and NJDEP discovered hundreds of 55 gallon drums on the northwest portion of the former landfill. The NRHA signed an Administrative Consent Order (ACO) to remediate ground water, surface and subsurface contamination at the site in April, 1985. A contractor was retained but was limited to only performing a cleanup of surface drums and contamination before ceasing operations in 1987. Ground water and subsurface contamination still warrants abatement to date. The Housing Authority has not complied with the ACO they signed in 1985.

Therefore the following entities: A. Giordano & Sons, Inc., Alliance Chemical Inc.; Benjamin Moore & Co., Inc.; Revere Smelting & Refining Corp. of New Jersey; Revere Urban Renewal Corp.; Sun Chemical Co.; The Newark Redevelopment & Housing Authority; the Sherwin Williams Co., Inc.; Union Carbide Corp. have been identified as primary responsible parties who owned, operated or may have had their waste disposed at the site.

American Fat & Tallow Co.; D&J Trucking & Waste Co., Inc.; Forsun Urban Renewal Corp.; Reagent Smelting & Refining Corp. (a New Jersey Corp.); have also been identified as primary responsible parties but are determined to be insolvent.

Aerial photographs reveal that the landfill was operating to some capacity in 1940. The following companies: American Cyanamid Co.; Calco Chemical Co., Inc.; Martin Laboratories, Inc.; the Amalgamated Dyestuff & Chemical Works, Inc.; Security Paint & Varnish Corp.; and Tiffiany Chemical Corp. have been identified as potential responsible parties which operated the industrial facility immediately north of the site. It is probable that they dumped their waste at the former landfill due to the close proximity of the facility. All of these entities with the exception of American Cyanamid, have been determined to be insolvent through Certificates of Incorporation, Dun & Bradstreet Search and various industrial directories. It is recommended that negotiation be initiated with the identified responsible parties for remediation of site contamination.

Run-off and leachate entering Plum Point Creek represent ongoing discharges. Enforcement actions should be taken against the Housing Authority since they have failed to remediate subsurface contamination outlined in the ACO. It is recommended that sampling be conducted for dioxin forming compounds specifically 2-chloro-1, 4-diethoxy-5-nitro benzene and 5-chloro-2,4-dimethoxyaniline. These products were manufactured by Alliance and may have been disposed at the Avenue P Landfill by D&J Trucking.

D&J Trucking also operated facilities at 310 Avenue P and Avenue A and Pioneer Street in Newark. Both of these sites are documented hazardous

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NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS WASTE MANAGEMENT
BUREAU OF PLANNING AND ASSESSMENT
65 PROSPECT STREET
TRENTON, NEW JERSEY 08618

FOR INFORMATION: (609) 292-3243
FAX NUMBER: (609) 292-3239

TO:

ARHOLD SH. FF

PICTOR D/HW M

ENFORCEMENT

TELEPHONE:

669 - 3960

FROM:

Jerry O'Donnell

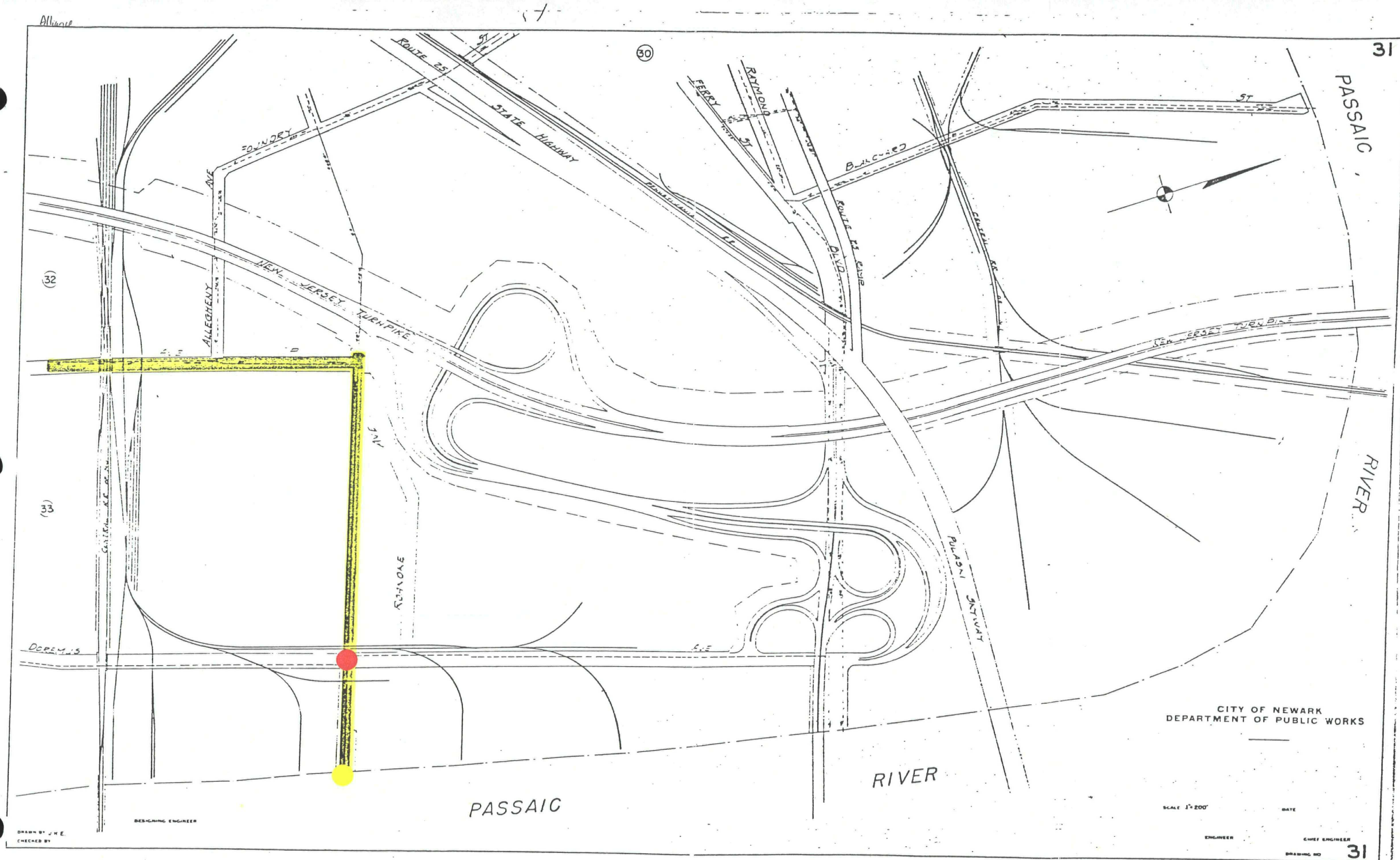
SUBJECT:

Alliance Chem.

NO. OF PAGES (INCLUDING COVER):

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CITY OF NEWARK
DEPARTMENT OF PUBLIC WORKS

SCALE 1"=200'
DATE
ENGINEER
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PASSAIC

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PASSAIC

RIVER

841270029

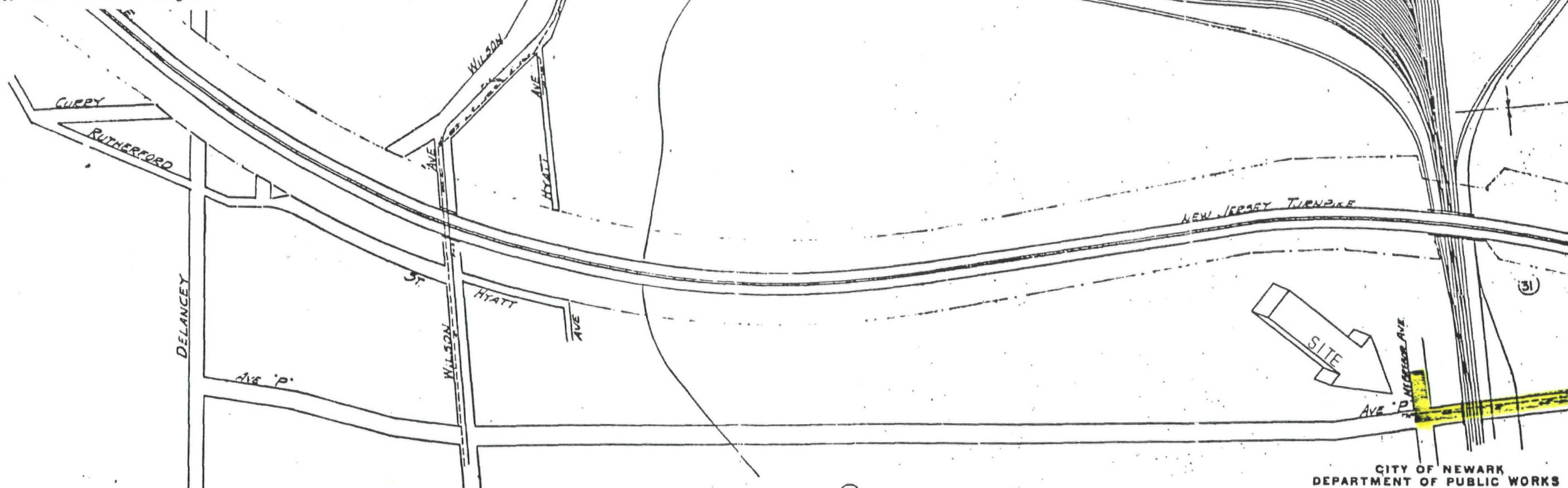
PASSAIC RIVER STUDY AREA

Alliance Chemical Company
33 Avenue P
Newark, New Jersey

KEY TO MAP:

- Yellow Line - Sewer discharge pathway to Passaic River
- Green Dot - Direct discharge to Passaic River
- Blue Dot - Storm sewer discharge to Passaic River
- Yellow Dot - Combined sewer outfall ("CSO") discharge
- Red Dot - Approximate location of CSO regulator

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CITY OF NEWARK
DEPARTMENT OF PUBLIC WORKS

SCALE 1"=200'

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CHECKED BY

DESIGNING ENGINEER

ENGINEER

CHIEF ENGINEER

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